

Amendments to the Claims

Please cancel Claims 1, 2, 7, 11, and 12 without prejudice or disclaimer.

Please amend Claims 3-6, 8-10,13,15, and 17 and add Claims 18-22 to read as follows.

1.-2. (Cancelled)

3. (Currently Amended) ~~The apparatus according to claim 2;~~ An information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

print data generation means for generating print data for an image to be printed by the ink-jet printing apparatus;

transfer means for transferring the generated print data to the ink-jet printing apparatus;  
and

control means for controlling transfer of the print data by said transfer means in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control means controls said transfer means to wait without

transferring the print data, and measures a time for waiting, and

wherein when said control means controls said transfer means to wait and receives next transfer permission/denial information that permits transfer of the print data while the time for waiting is not more than a predetermined period of time, said control means controls said transfer means to abort waiting, and to transfer the print data to the ink-jet printing apparatus.

4. (Currently Amended) ~~The apparatus according to claim 2;~~ An information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

print data generation means for generating print data for an image to be printed by the ink-jet printing apparatus;

transfer means for transferring the generated print data to the ink-jet printing apparatus;  
and

control means for controlling transfer of the print data by said transfer means in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control means controls said transfer means to wait without

transferring the print data, and measures a time for waiting, and

wherein when said control means controls said transfer means to wait and the time for waiting exceeds a predetermined period of time, said control means checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates a predetermined operation state, said control means controls said transfer means to continue to wait.

5. (Currently Amended) The apparatus according to claim 4, wherein the predetermined operation state includes one of states in which the ink-jet printing apparatus is ~~making~~ effecting a recovery operation, is waiting for fixing of ~~an~~ ink, and is in a recoverable error state.

6. (Currently Amended) ~~The apparatus according to claim 2;~~ An information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

print data generation means for generating print data for an image to be printed by the ink-jet printing apparatus;

transfer means for transferring the generated print data to the ink-jet printing apparatus;  
and

control means for controlling transfer of the print data by said transfer means in

accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control means controls said transfer means to wait without transferring the print data, and measures a time for waiting, and

wherein when said control means controls said transfer means to wait and the time for waiting exceeds a predetermined period of time, said control means checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates an unrecoverable error state, said control means aborts waiting and informs of an abnormality of the ink-jet printing apparatus.

7. (Cancelled)

8. (Currently Amended) ~~The apparatus according to claim 2;~~ An information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

print data generation means for generating print data for an image to be printed by the ink-jet printing apparatus;

transfer means for transferring the generated print data to the ink-jet printing apparatus;  
and

control means for controlling transfer of the print data by said transfer means in  
accordance with transfer permission/denial information indicating transfer permission/denial of  
the print data, and operation information indicating an operation state of the ink-jet printing  
apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer  
permission/denial information, said control means controls said transfer means to wait without  
transferring the print data, and measures a time for waiting, and

wherein when said control means controls said transfer means to wait ~~and the time for~~  
~~waiting exceeds a predetermined period of time~~, said control means checks an operation state of  
the ink-jet printing apparatus on the basis of the operation information, and when the operation  
state indicates a predetermined operation state, said control means controls to reset the time for  
waiting which is being measured.

9. (Currently Amended) The apparatus according to claim 8, wherein the predetermined  
operation state includes one of states in which the ink-jet printing apparatus is making effecting a  
recovery operation, is waiting for fixing of ~~an~~ ink, and is in a recoverable error state.

10. (Currently Amended) ~~The apparatus according to claim 2;~~ An information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

print data generation means for generating print data for an image to be printed by the ink-jet printing apparatus;

transfer means for transferring the generated print data to the ink-jet printing apparatus;  
and

control means for controlling transfer of the print data by said transfer means in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control means controls said transfer means to wait without transferring the print data, and measures a time for waiting, and

wherein when said control means controls said transfer means to wait and the time for waiting exceeds a predetermined period of time, said control means aborts waiting, and informs of an abnormality of the ink-jet printing apparatus.

11.-12. (Cancelled)

13. (Currently Amended) An ink-jet print system, which comprises an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and an information processing apparatus which is connected to the ink-jet printing apparatus and can exchange data with the ink-jet printing apparatus,

said information processing apparatus comprising:

print data generation means for generating print data for an image to be printed by the said ink-jet printing apparatus;

transfer means for transferring the generated print data to the said ink-jet printing apparatus; and

control means for controlling transfer of the print data by said transfer means in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the said ink-jet printing apparatus, which are sent from the said ink-jet printing apparatus, and

said ink-jet printing apparatus comprising:

transmission means for transmitting, to the said information processing apparatus, transfer permission/denial information indicating transfer permission/denial of the print data; and

printing means for printing an image by ejecting ink onto a print medium on the basis of the print data received from the said information processing apparatus.

14. (Original) The system according to claim 13, wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control means controls said transfer means to wait without transferring the print data, and measures a time for waiting.

15. (Currently Amended) The system according to claim 14, wherein when said control means controls said transfer means to wait and receives next transfer permission/denial information that permits transfer of the print data while the time for waiting is not more than a predetermined period of time, said control means controls said transfer means to abort waiting, and to transfer ~~the~~ said print data to the ink-jet printing apparatus.

16. (Original) The system according to claim 14, wherein when said control means controls said transfer means to wait and the time for waiting exceeds a predetermined period of time, said control means checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates a predetermined operation state, said control means controls said transfer means to continue to wait.

17. (Currently Amended) The system according to claim 16, wherein the predetermined operation state includes one of states in which ~~the~~ said ink-jet printing apparatus is ~~making~~ effecting a recovery operation, is waiting for fixing of ~~an~~ ink, and is in a recoverable error state.



18. (New) An information processing method in an information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

a print data generation step for generating print data for an image to be printed by the ink-jet printing apparatus;

a transfer step for transferring the generated print data to the ink-jet printing apparatus; and

a control step for controlling transfer of the print data by said transfer step in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control step controls said transfer step to wait without transferring the print data, and measures a time for waiting, and

wherein when said control step controls said transfer step to wait and receives next transfer permission/denial information that permits transfer of the print data while the time for waiting is not more than a predetermined period of time, said control step controls said transfer step to abort waiting, and to transfer the print data to the ink-jet printing apparatus.

19. (New) An information processing method in an information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

a print data generation step for generating print data for an image to be printed by the ink-jet printing apparatus;

a transfer step for transferring the generated print data to the ink-jet printing apparatus; and

a control step for controlling transfer of the print data by said transfer step in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control step controls said transfer step to wait without transferring the print data, and measures a time for waiting, and

wherein when said control step controls said transfer step to wait and the time for waiting exceeds a predetermined period of time, said control step checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates a predetermined operation state, said control step controls said transfer step to continue to wait.

20. (New) An information processing method in an information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

a print data generation step for generating print data for an image to be printed by the ink-jet printing apparatus;

a transfer step for transferring the generated print data to the ink-jet printing apparatus; and

a control step for controlling transfer of the print data by said transfer step in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control step controls said transfer step to wait without transferring the print data, and measures a time for waiting, and

wherein when said control step controls said transfer step to wait and the time for waiting exceeds a predetermined period of time, said control step checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates an unrecoverable error state, said control step aborts waiting and informs of an abnormality of the ink-jet printing apparatus.

21. (New) An information processing method in an information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

a print data generation step for generating print data for an image to be printed by the ink-jet printing apparatus;

a transfer step for transferring the generated print data to the ink-jet printing apparatus; and

a control step for controlling transfer of the print data by said transfer step in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control step controls said transfer step to wait without transferring the print data, and measures a time for waiting, and

wherein when said control step controls said transfer step to wait, said control step checks an operation state of the ink-jet printing apparatus on the basis of the operation information, and when the operation state indicates a predetermined operation state, said control step controls to reset the time for waiting which is being measured.

22. (New) An information processing method in an information processing apparatus which is connected to an ink-jet printing apparatus that prints an image by ejecting ink onto a print medium on the basis of print data, and can exchange data with the ink-jet printing apparatus, comprising:

a print data generation step for generating print data for an image to be printed by the ink-jet printing apparatus;

a transfer step means for transferring the generated print data to the ink-jet printing apparatus; and

a control step for controlling transfer of the print data by said transfer step in accordance with transfer permission/denial information indicating transfer permission/denial of the print data, and operation information indicating an operation state of the ink-jet printing apparatus, which are sent from the ink-jet printing apparatus,

wherein upon detection of transfer denial of the print data based on the transfer permission/denial information, said control step controls said transfer step to wait without transferring the print data, and measures a time for waiting, and

wherein when said control step controls said transfer step to wait and the time for waiting exceeds a predetermined period of time, said control step aborts waiting, and informs of an abnormality of the ink-jet printing apparatus.